......

Listing of the Claims (including amendments and status):

1   1.(Previously Presented) A method for testing a software test
2   component, said method comprising the steps of:

3   ascertaining a public interface of the software test
4   component; and

5   creating a wrapper component for the software test component
6   by the substeps of

7   defining a wrapper component interface to mirror the
8   public interface of the software test component,
9   defining the wrapper component to delegate to the
10   software test component by including calls to the
11   public interface of the software test component within
12   the wrapper component, inserting test code within the
13   wrapper component to permit capture and playback of
14   user interaction with the public interface of the
15   software test component, and

16   enabling a test case to use the wrapper component
17   interface to access the software test component and to
18   generate test data from the test code in the wrapper
19   component.

-2-

1 2. (Previously Presented) The method for testing a software
2 test component according to Claim 1, wherein the software test
3 component is an object-oriented software test component and
4 wherein said step of ascertaining the public interface of the
5 software test component further comprises interrogating a test
6 component definition to determine public methods, constructor and
7 associated parameters for the software test component.

1 3. (Previously Presented) The method for testing a software
2 test component according to Claim 2, wherein the test component
3 is a Java language class and said ascertaining step further
4 comprises use of an introspection group of interfaces in a Java
5 Bean specification.

1 4. (Previously presented) The method for testing a software test
2 component according to Claim 2, wherein the substep of defining a
3 wrapper component interface further comprises defining public
4 methods, constructors and associated parameters in the wrapper
5 component to mirror the public methods, constructors and
6 parameters determined for the software test component.

1 5. (Previously Presented) A computer program product for testing
2 software components, the computer program product comprising a
3 computer usable medium having computer readable code means
4 embodied in said medium, comprising:

5   first code means for ascertaining a public interface of a
6   software test component; and

-3-

7   second code means for creating a wrapper component for the

8   software test component, said second code means comprising

9

10   code means for defining a wrapper component interface

11   to mirror the public interfoce of the software test

12   component,

13   code means for defining the wrapper component to

14   delegate to the software test component by including

15   calls to the public interface of the software test

16   component within the wrapper component,

17   code means for inserting test code within the wrapper

18   component to permit capture and playback of user

19   interaction with the public interface of the software

20   test component, and

21   code means for enabling a test case to use the wrapper

22   component interface to access the software test

23   component and to generate test data from the test code

24   in the wrapper component.

1   6. (Previously Presented) A system in a computing environment for

2   generation of a test environment for a software test component,

3   said system comprising:

4

5   means for ascertaining a public interface of the software

6   test component; and

- 4 -

7   means for creating a wrapper component for the software test
8   component, said creating means including

9   means for defining a wrapper component interface to
10   mirror the public interface of the software test
11   component,

12   means for defining the wrapper component to delegate to
13   the software test component by including calls to the
14   public interface of the software test component within
15   the wrapper component, and

16   means for making the wrapper component available to
17   permit test code to be inserted within the wrapper
18   component to permit capture and playback of user
19   interaction with the public interface of the software
20   test component and to permit a test case component to
21   use the wrapper component interface to access the
22   software test component and to generate test data from
23   the test code in the wrapper component.

1   7.   (Previously Presented) The system for generation of a test
2   environment according to Claim 6, wherein the software test
3   component is an object-oriented software test component and said

4   means for ascertaining the public interface of the software test
5   component further comprises

-5-

6   means for interrogating a. definition of the software test
7   component to determine public methods,

8   constructor and associated parameters for the software test
9   component.

1   8.   (Previously Presented) The system for generation of a test
2   environment according to Claim 7, wherein the means for defining
3   a wrapper component interface comprises means for defining

4   public methods, constructors and associated parameters in the
5   wrapper component to minor the

6   public methods, constructors and parameters ascertained for the
7   software test component.

-8-